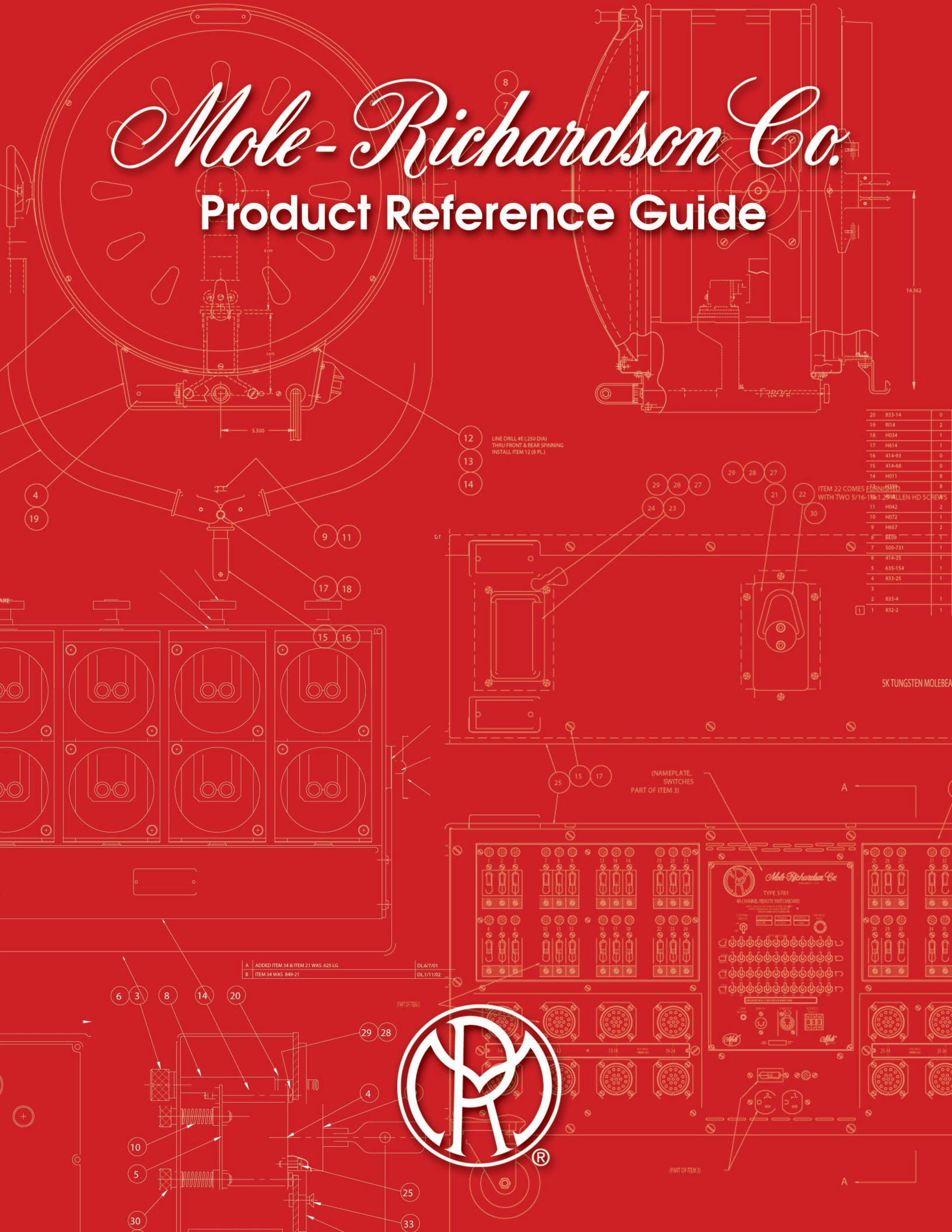
Mole-Richardson Co.

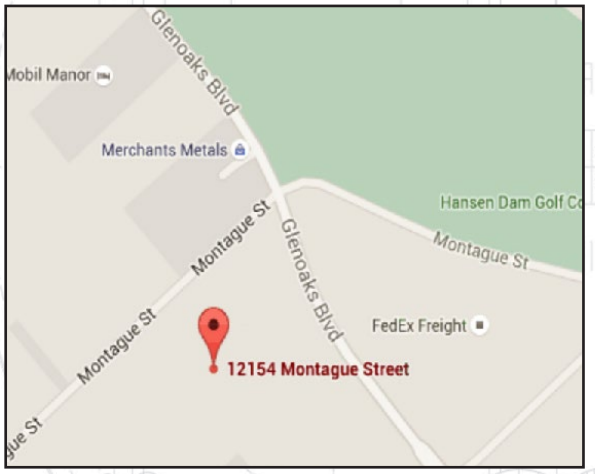
Product Reference Guide



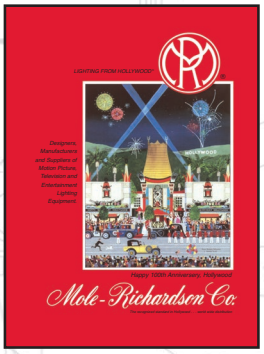
Mole-Richardson Co.

About Mole-Richardson®

Mole-Richardson Company Designs, Manufactures, Sells and Rents Lighting and Power Distribution Equipment for the Motion Picture, Television, Video and Still Photographic Industries. Since its founding in 1927, Mole-Richardson Company has been dedicated to design and build the finest quality equipment for the entertainment industry. Please call or visit our Hollywood Lighting Showroom to view and demo any Mole-Richardson product.



For more information or to request an additional catalog, please give us a call.

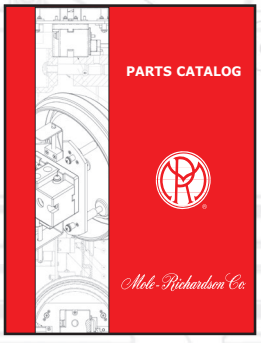


Sales

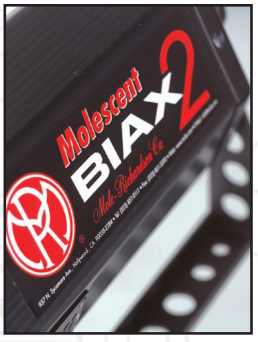
Power Distribution

Lighting Kits

Spacelites

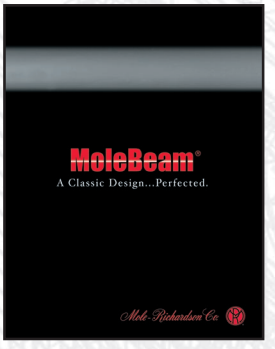


Parts



Molescent

DigiMole



Molebeam

Molequartz, Solarspot, InBetweenie, Betweenie, Tweenie, Teenie-Weenie, Teenie-Mole, Mickey-Mole, Mighty-Mole, Molefay, Molepar, Moleeno, Moleparcan, Molebeam, MaxiCoop, Molefar, Molette, Molescent, Molarc, Molelipso, Molenser, DigiMole, MoleLock, MolePlex, MoleHub, Molegrip, Molevac and Molevator are ™Trademarks and/or ®Registered Trademarks of Mole-Richardson Company.

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Mole-Richardson Co.

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Tungsten Par

The first dedicated 2,000, 5,000 & 12,000 watt tungsten par fixture for Television and Motion Picture. Collaboration with GE's engineers developed a tungsten globe designed for use with a parabolic reflector.

Type 6731
2,000 Watt

Type 6741
5,000 Watt

Type 6751
12,000 Watt

Litewate Line

For set lighting techniques in Motion Picture, Television and the Professional Photograhic Industries. Used as a key-light, back-light or kicker where light control with a smooth even field from spot-to- flood is essential.

Type 3101
100/200 Watt
InBetweenie

Type 3131
300 Watt
Betweenie

Type 4821
650 Watt
Tweenie II

Type 3081
1,000 Watt
6" Baby

Type 5291
2,000 Watt
8" Junior

Type 4341
2,000 Watt
10" Junior

Type 4351
5,000 Watt
14" Senior

Type 4371
10,000/12,000 Watt
20" Tener

Type 4361
10,000/12,000 Watt
"Big Eye"

Type 4251
20,000 Watt
Solarspot

Baby Line

Typically used in location set lighting techniques in the Motion Picture, Television and Professional Photographic Industries. Used as a key-light, back-light or kicker where light control with a smooth even field from spot-to-flood is essential.

Type 2831
1,000 watt
Baby-Baby

Type 4131
2,000 watt
Baby Junior

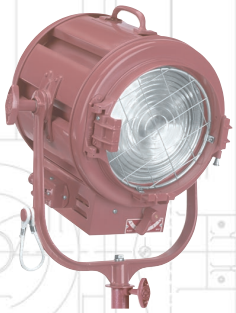
Type 4191
5,000 watt
Baby Senior

Type 4181
10,000 watt
Baby Tener

Classic Line

Traditional fixture used in basic set lighting techniques in the Motion Picture, Television and Professional Photographic Industries. Used as a key-light, back-light or kicker where light control with a smooth even field from spot-to- flood is essential.

Type 407
1,000 watt
Baby Solarspot



Type 412
2,000 watt
Junior Solarspot

Type 2901
200 watt
Tiny-Mole

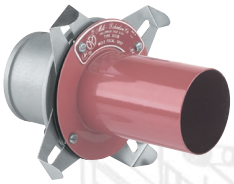
Type 2801
200 watt
Mini- Mole

Type 2351
200 watt
Midget

Focal Spots

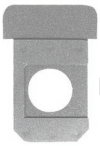
This specifically designed optical system provides a sharp outlined spot with a smooth even field, and a sharp cut-off from the framing shutters. Pattern holders and Mattes are available.

Type 280108
Midget
Focal Spot



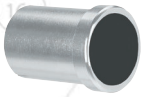
Type 31038
InBetweenie
Focal Spot

Type 407247
Baby
Focal Spot

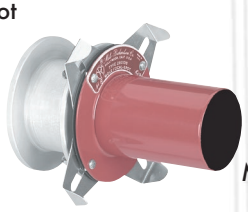


Pattern
Holder

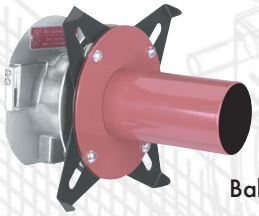
Narrow Beam
Tube Assembly



Wide Beam
Tube Assembly



Type 23541
Mini/Betweenie
Focal Spot



Type 282100
Baby-Baby/Tweenie
Focal Spot

Accessories

Accessories are available for all fixtures. Please refer to our web site for a complete list of all accessories

Diffuser Frames

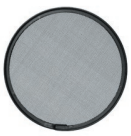
Half Moledura Scrims

Molesnoots

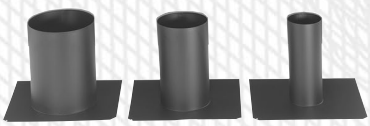
Barn Doors

Molering
Diffuser Frames

Scrim Bags



Moledura Scrims



Snoots

Daylite Pars

Mole-Richardson Company is proud to introduce the new
HMI DayLite™ Par line. These revolutionary fixtures are designed from the ground up to satisfy the needs of the lamp operator,

Features Include:
- Full Range Focus.
- New Highly Polished Reflector Design.
- Visual and Tactile Lamp Position Indicators.
- Diffusion Clips Located at 45° or 90°.
- Rugged Cast Design.
- Separate Ignitor Housing for Cooler Operation.
- Adjustable Yoke Pivot Point.

Type 6621
575 watt

Type 6821
800 watt

Type 6631
1,200 watt

HMI Par

A highly efficient, compact source of daylight using an HMI single-ended globe. Four separate lenses are available, very narrow, narrow, medium and wide flood for varied Lighting applications.

Type 6411
200 watt

HMI Fresnels

The HMI Solarspot® fixture is a lightweight, highly efficient, compact source of daylight illumination. It produces high light output at low amperage with a smooth even field from spot-to-flood.

Type 6331
575 watt

Type 6321
1,200 watt

Type 6341
2,500 watt

Type 6421
4,000 watt

Type 6431
6,000 watt

Type 6801
12,000/18,000 watt

Type 6641
2,500/4,000 watt

Type 6651
6,000 watt

Type 6791
G51 12,000/18,000 watt

DigiMole

A compact, efficient and affordable solution for all your daylight lighting applications. This lightweight fixtures use a 400 watt single ended HMI globe.

Type 8291
400 watt

Molesource

The 400 watt Molesource is a versatile HMI fixture that can be used bare bulb, connected to a SourceFour or with a variety of lightbanks.

Type 84830
Lightbank
Adapter

Type 8491
400 watt

Molesource connected to Source Four

Ballasts

Type 64130
200 watt

Type 82926
400 watt

Type 63765
575/1,200 watt

Type 66065
12,000/18,000 watt

Type 82850
200 watt
30 Volt DC

Type 638185
2,500/4,000 watt

Type 64970
575 watt

Powerful, compact fixtures ideal for exterior or interior fill light. Available with either Dichroic or Quartz Halogen Globes.

Type 5711
650 watt

Type 5721
1,300 watt

Type 5581
2,600 watt

Type 5591
3,900 watt

Type 5541
5,850 watt

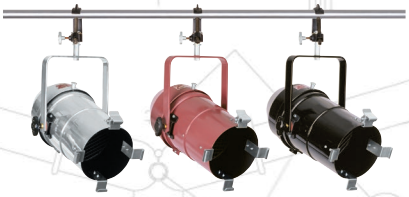
Type 5571
7,800 watt

Type 5471
5200 watt (240

Molepars

Multi-purpose fixtures for studio or location use. Lightweight and modular, they use the highly efficient Quartz PAR-64 fixed focus globes, including the Quartz PAR-64 Dichroic globes.

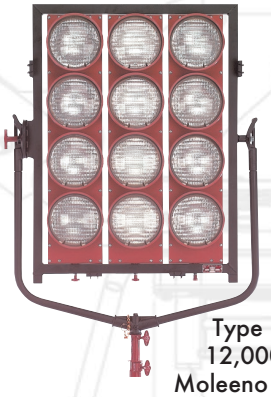
Type 2271
1,000 watt
Molepar



Type 3741
1,000 watt
Moleparcan

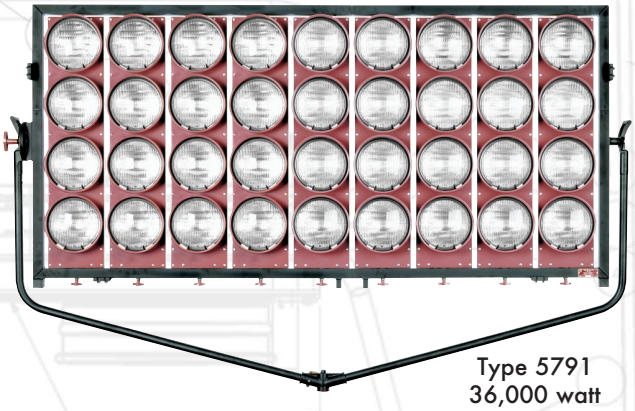
Type 5761
6,000 watt
Six-Light Molepar

Type 5771
9,000 watt
Nine-Light Molepar



Type 5751
12,000 watt
Moleeno Molepar

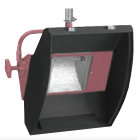
Type 5781
24,000 watt
Moleeno Molepar



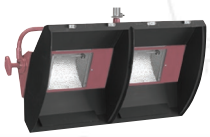
Type 5791
36,000 watt
Moleeeno Molepar

Molefars

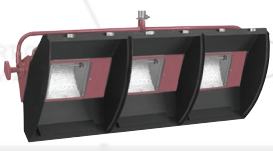
Designed to give improved broad coverage on taller cycloramas from overhead. Frame holders are curved to allow for cooler opera-



Type 2701
1-light 1,500 watt



Type 2811
2-light 3,000 watt



Type 2841
3-light 4,500 watt

Type 2791
4-light
6,000 watt

Cycs

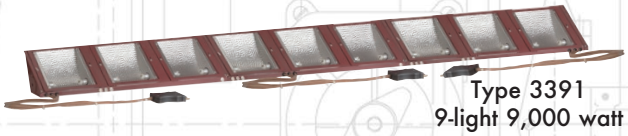
Designed to provide a smooth, even field of light on a cyclorama. These fixtures can be hung overhead or mounted on the floor.

Type 2771
1-light 1,000 watt

Type 2661
2-light 2,000

Type 3361
6-light 6,000 watt

Type 3331
3-light



Type 3391
9-light 9,000 watt

Type 3371

Type 3121
12-light 12,000

Spacelites

This lantern light with the black and internal silk can reflect a pool of light downward or just remove the outside black skirt for a

Type 7261
1-light 1,000 watt

Type 7271
2-light 2,000 watt

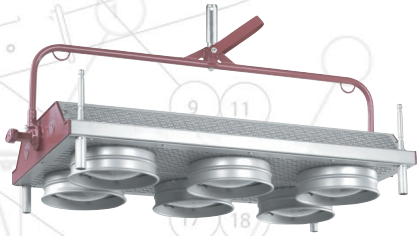
Type 7291
6-light 6,000 watt

Type 7281
12-light 12,000 watt

Coop, MaxiCoop &

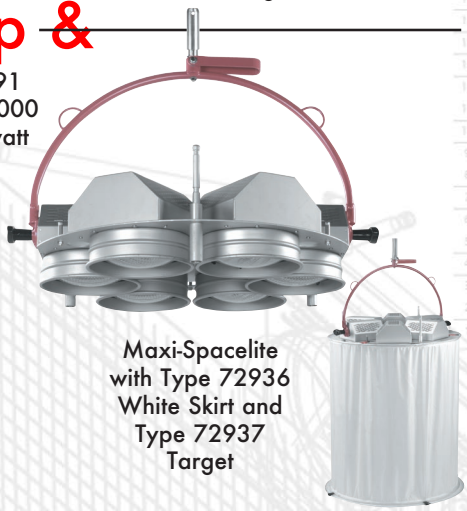
Type

Type 7391
6,000
watt



MaxiCoop with
Type 72518
Accessory Holder
and
Type 72529
Filter Frames

Type 20133 (Bates)
or
Type 20165 (Socapex)



Maxi-Spacelite
with Type 72936
White Skirt and
Type 72937
Target

Provides a soft and even fill-light for lighting backings or extremely large cycloramas.

Type
245

Type
3471

Open Face

Compact, focusable quartz fixture that provides high intensity in a small package. For use in TV, Motion Picture and Still Photography. Extremely smooth flat field in all positions from spot-to-flood.

Type 4031
600 watt
Teenie-Weenie-Mole

Type 4051
650 watt
Teenie-Mole

Type 4081
1,000 watt
Mickey-Mole

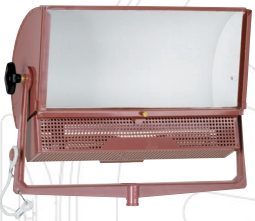
Type 4091
2,000 watt
Mighty-Mole

Baby Softlites

Provides soft, diffused, virtually shadowless light with a smooth field. Used for soft fill in TV, Motion Picture and Still Photography.

Type 2981
650 watt
Mini-Softlite

Type 2581
1,000 watt
Baby 1K



Type 2591
2,000 watt
Baby 2K "Zip"

Type 3571
4,000 watt
Baby 4K

Super Softlites

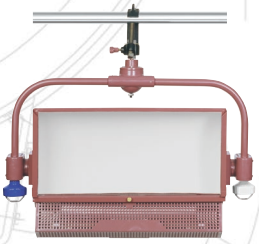
Type 2551
1,000 watt
Super-Softlite

Type 2561
2,000 watt
Super-Softlite

Type 2571
4,000 watt
Super-Softlite

Molepoles

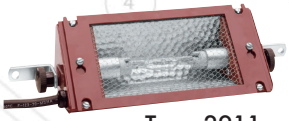
Type 3041
1,000 watt
Baby Molepole



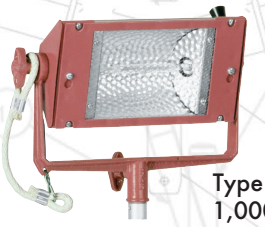
Type 3051
2,000 watt
Baby "Zip"

Nooklites

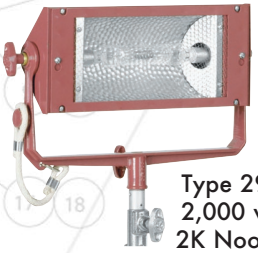
Primarily designed to fit into wall corners, small nooks or ceilings, where lighting in tight or confined areas presents a problem.



Type 2911
650 watt 1-Light Nooklite



Type 2921
1,000 watt
1K Nooklite

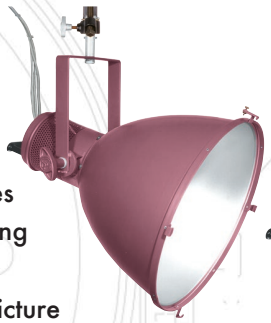


Type 2941
2,000 watt
2K Nooklite

Type 2931
1,950 watt 3-Light Nooklite

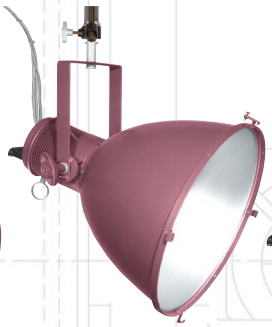
Scoops

Designed for minimum shadows with Quartz Tungsten-Halogen long life globe. Gives soft fill-light for lighting backings or cycs in Television, Motion Picture and Still Photography.



Type 8142
1,000 watt
14" Fixed Focus

Type 8182
2,000 watt
18" Fixed Focus



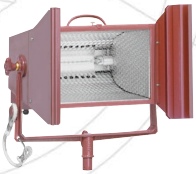
Type 8141
1,000 watt
14" Focusing

Type 8181
2,000 watt
18" Focusing

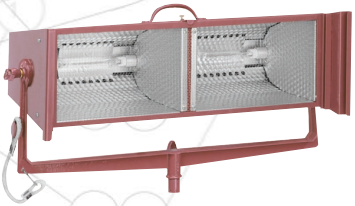
Broads

Provides soft even fill-light in a rectangular field with edge-to-edge and top-to-bottom uniformity. When hung in multiples overhead gives even base or top-light.

Type 3211
1,000 watt
Single Broad



Type 3401
1,500 watt
Super Broad



Type 3221
2,000 watt
Double Broad

Molettes

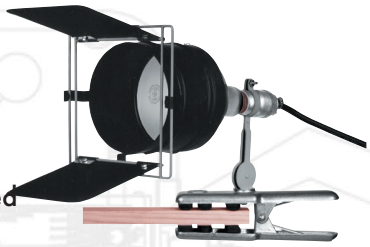
A compact, lightweight bare bulb fixture used for 360° bounces, fill light, or directional fill light with the addition of a reflector. The very nature of the Molette dictates literally dozens of applications either in the studio or on location.

Type 3311
1,000 watt
1K Molette

Type 3321
2,000 watt
2K Molette

Molegators

Multipurpose instrument with unique construction for studio, location or remote use. Lightweight and compact, it can be used as a fill-light or floodlight.

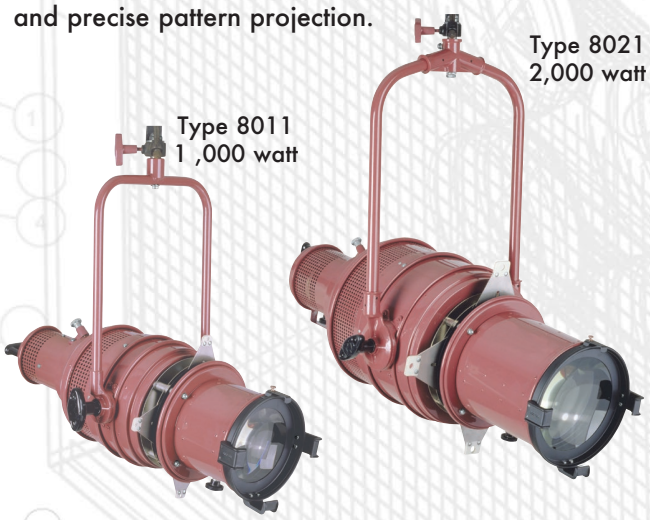


Type 4023
500 watt Heavy Duty
Molegator Grip with socket,
Type 2491 Diffuser Holder
and Type 24912 Barn Door

Type 500308
500 watt Molegator Grip
with socket and Type 24922
Barn Door with Diffuser Holder

Molelipsos

Designed as an ellipsoidal pattern light that gives range focus, sharp cut-off from the framing shutters and precise pattern projection.



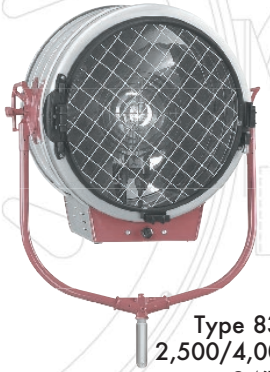
Type 8011
1 ,000 watt

Type 8021
2,000 watt

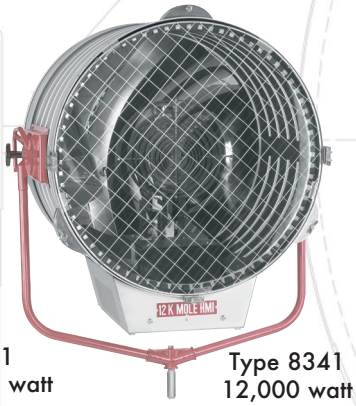
HMI MoleBeams

The New Molebeam Projectors are designed to produce a streaming ray of light in Tungsten (3200°K) or Daylight (5600°K). These units project a parallel beam of light that can be spotted and flooded from -5° to +15°. The Molebeam operates well for projecting a shaft of light through windows or foliage to achieve sharp shadow effects.

Type 8211
1,200 watt
18″



Type 8361
2,500/4,000 watt
24″

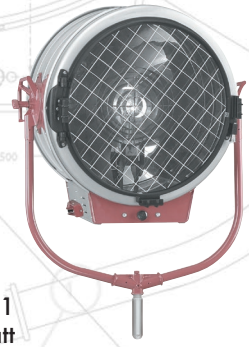


Type 8341
12,000 watt
36″

Tungsten MoleBeams

Type 8311
2,000 watt
18″

Type 8331
5,000 watt
24″



Type 8371
10,000 watt
24″

Type 8351
20,000 watt
36″

WebMaker

When used in conjunction with an air compressor, the WebMaker creates cobweb and aging effects using harmless and removable hot glue sticks.

Type 9211
WebMaker®

Fogmachine

Create the effects of fog, smoke, haze and mist with Fog Juice. Once the internal heating element reaches optimum temperature, the unit can be operated cordless

Type 1963
FogMaker

Windmachines

The Windmachine is designed to create maximum airflow with minimum noise. A rheostat control varies the speed of the fan to produce wind effects from a light zephyr to a stiff breeze.

Type 7971
12″ Windmachine
DMX

Type 6971
18″ Windmachine
DMX

Type 5971
24″ Windmachine
DMX

Molescent BIAX

The BIAX series of fluorescent fixtures is designed as an all-in-one system. It uses BIAX (PLL) lamps and is made of fire retardant fluted polypropylene. Models are dimmable and offer removable accessories: 2-way Barndoors, 4-way Barndoors, ParaHex louver for light control, filter frame (gel or diffuser frame), and ShowCap (fabric based diffuser). Two mounting options offered are yoke for TV studio (permanent applications) or OmniMount bracket (a rear mounted ball and knuckle style mount). Other options include DMX control, pass-thru AC power and phase dimming (allow for traditional external dimmers).

Type 7371
Molescent BIAX 2

Letter following type number denotes ordering options.

- A OmniMount, Local Dim, Corded
- B OmniMount, Local and DMX Dim, Corded
- C Yoke, Local Dim, AC pass-thru
- D Yoke, Local and DMX Dim, AC pass-thru
- E Yoke, Phase Dim, AC pass-thru

Type 7361
Molescent BIAX 4

Type 7351
Molescent BIAX 4L

Type 7421
Molescent BIAX 8

Type 7411
Molescent BIAX 8L

Tungsten Kits

Type 5826
Betweenie/Tweenie Kit

Type 58215
Tweenie/Mickey-Mole Kit

Type 58210
Baby Kit

Type 5823
Tweenie/Softlite Kit

Type 58225
InBetweenie/
Betweenie/Tweenie/
Teenie-Mole Kit

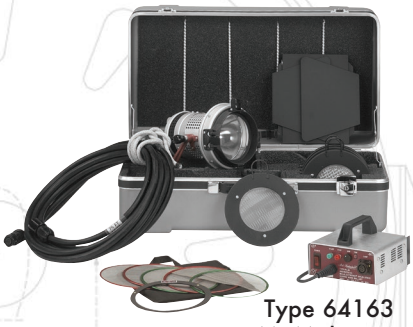
Type 58213
Mickey-Mole Kit

Molescent BIAX Kits

Type 737101
Molescent BIAX 2 Kit

Type 736101
Molescent BIAX 4 Kit

HMI Kits



Type 64163
HMI MolePar Kit
200 watt

Type 662101
DayLite Par Kit
575 watt

Type 682101
DayLite Par Kit
800 watt

DigiMole Kit

Type 82941
DigiMole 400 watt
AC Pro Kit

Type 663101
DayLite Par Kit
1,200 watt

Type 683101
DayLite Par Kit
1,200/1,800 watt

MoleSource Kits

Type 82921
400 watt
HMI MoleSource Kit

Type 84927
400 watt
HMI Lighting System

ProKit

Mole-Richardson is proud to announce the New ProKit configurations for selected kits. ProKit kits include all the standard kit items along with three exciting new additions; Chimera®

Gaffer

The New Gaffer Pack is included in all ProKits and is optional for all other kits. Each Gaffer Pack Includes: GE lamps customized for each kit, Mole-Richardson leather gloves with mitt clip, an electrical cube-tap, our exclusive Lee Filters® brand "Gel Pack" and clothes

Cam-Lok® Boxes

Type 7851
400 Amp Single Phase
Cam-lok® Pass-Thru Plus Box

Type 7861
600 Amp Single Phase
Cam-lok® Pass-Thru Plus Combo

Type 4681
600 Amp Three Phase
Cam-lok® Pigtail Box

Type 7821
600 Amp Three Phase
Cam-lok® Pass-Thru Plus Box

Type 7831
900 Amp Three Phase
Cam-lok® Pass-Thru Plus Box

Type 7841
1,200 Amp Three Phase
Cam-lok® Pass-Thru Plus Box

Lug/Drop Down/Breaker Boxes

Type 6901
600 Amp Three Phase
Breaker Box (Cam-Lok®)

Type 4731
800 Amp Single Phase
Lug to MoleLock Drop Down Box

Type 3951
1,000 Amp Three Phase
Lug Combo Box

See Thru Spiders

Type 799113
2,400 Amp Three Phase
Spider Box (Cam-Lok®)

Type 7991
2,400 Amp Three Phase
Spider Box (Cam-Lok®)

Gang/Distro Boxes

Type 5001774
60 Amp Rubber Box

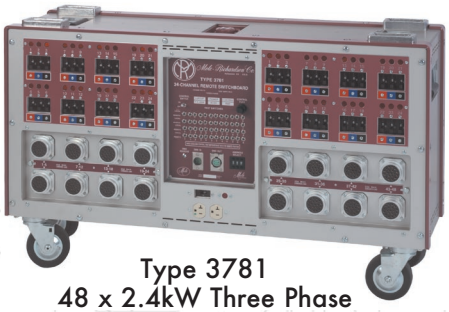
Type 5001432
100 Amp Gang Box

Type 7701
100 Amp Lunch Thru Box

Remote Boxes

Type 3841
8 x 12kW Single Phase
8-Circuit DMX AC/DC
Remote Switchboard

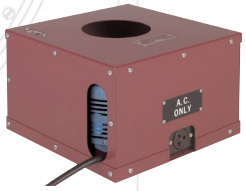
Type 3901
12 x 12kW Three Phase
1,200 Amp DMX AC/DC
Remote Switchboard



Type 3781
48 x 2.4kW Three Phase
48-Circuit DMX AC/DC
Remote Switchboard

Dimmers

Type 5233
1,800 watt AC
Molestat Dimmer



Type 5461
2,500 watt AC
Molestat Dimmer

Type 42590
12kW DMX AC
Molelectronic Dimmer

Type 42540
20kW DMX AC
Molelectronic Dimmer

MoleHubs

Type 6551
1,200 Amp Three Phase
Cam-Lok® MoleHub

Cables

Type 5001974
#2/5
Banded Cam-Lok®

Type 5001301
#4/1
100 Amp Banded Bates

Type 5001107
#6/3
60 Amp Bates Extension

Adapters

Type 5001804
220 Volt (Nonfused)
100 Amp Female Bates
to Male Cam-Lok®

Type 5001661
120 Volt (Fused)
2-100 Amp Female
Bates
to Male Cam-Lok®

Soft Threefer

Type 5001569
120 Volt Snakebite
100 Amp Female Bates to Male Cam-Lok®

Type 5834
Socapex Male to
6 Female House

Connectors

20 Amp

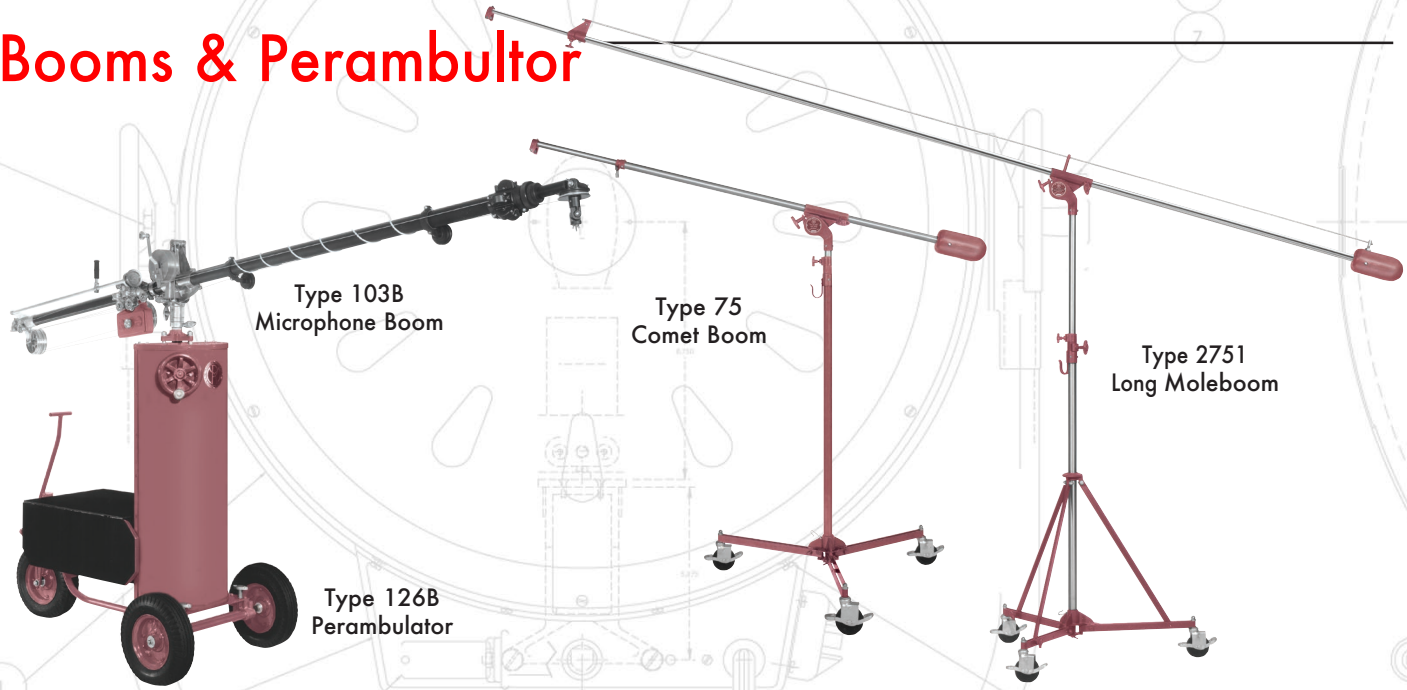
30 Amp

60 Amp

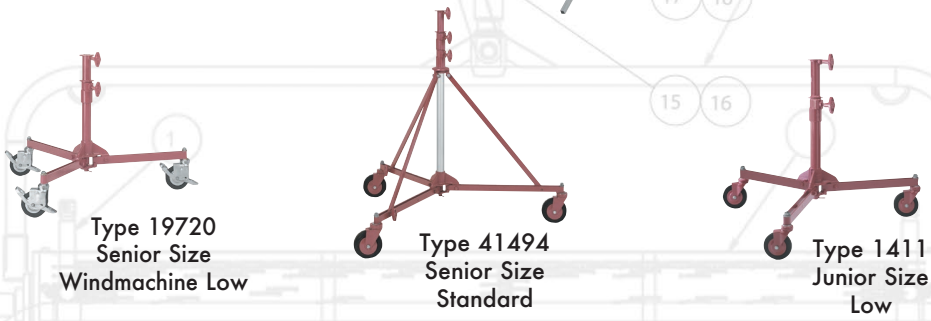
100 Amp

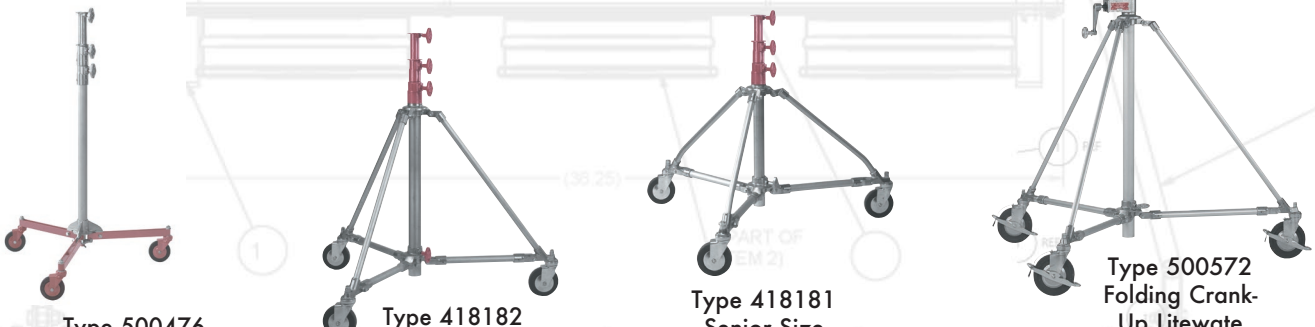
100 Amp (240 Volt)

Booms & Perambultor



Stands





Hangers & Adapters

Type 500311
Right Angle
Baby Spud Adapter

Type 500939
Scissor Clip
Spud Adapter

Type 4022
Molegator Grip

Type 50073
Junior to Baby
Stand Adapter

Type 500964
Scissor Clip
Hook Adapter

Type 500141
Baby Wall Plate

Type 500429
Stirrup Hanger Adapter

Type 500403
Adjustable Hanger

Type 500848
Heavy Duty
C-Clamp and Adapter

Type 500764
18″ Baby Wall
Plate

Type 500830
12″ Baby Stand
Riser

Type 500424
Telescoping Hanger

Type 500831
6″ Baby Stand
Riser

Type 500768
Baby Offset Arm

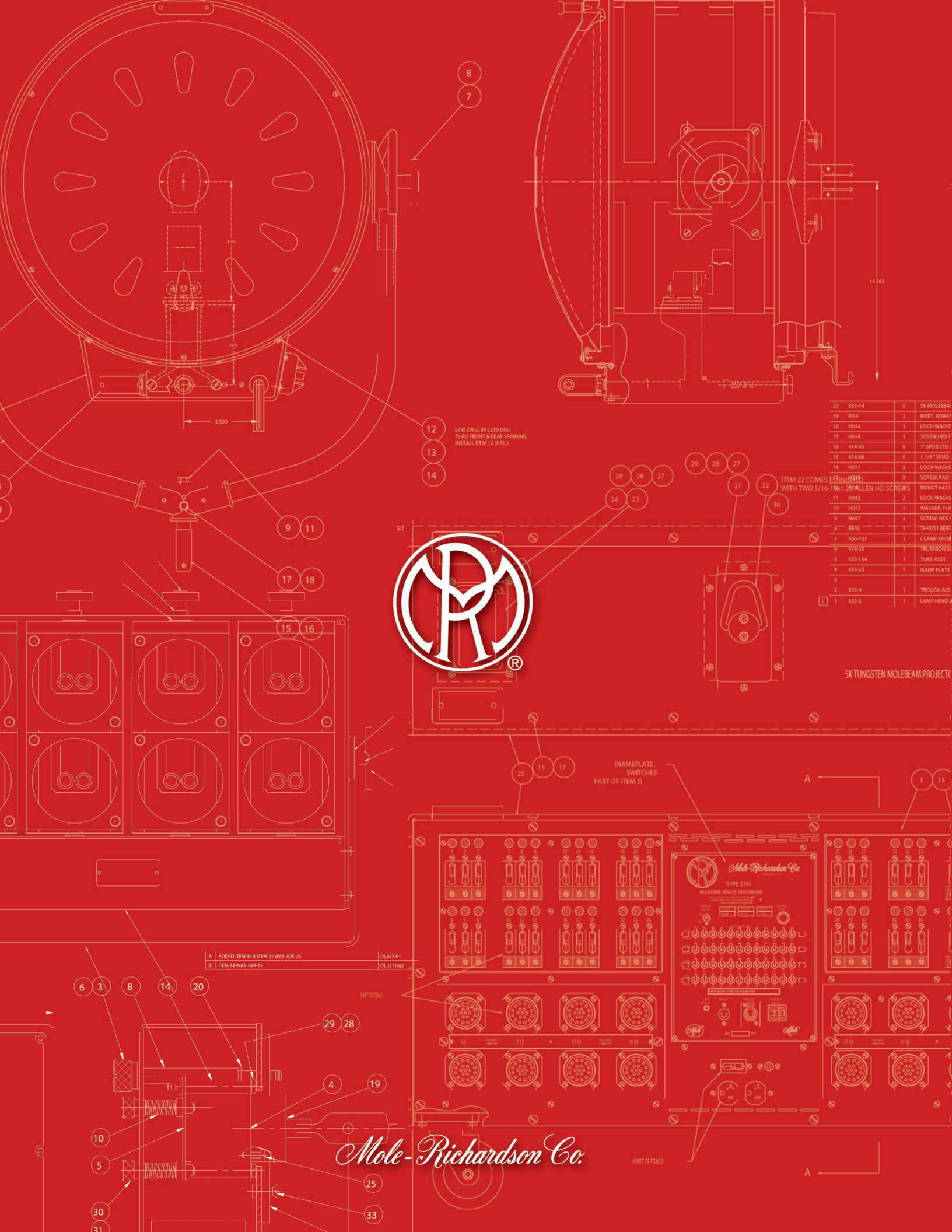
Type 500305
Trapeze

Type 500190
Baby Trombone

Type 500350
Heavy Duty Ball
Bearing C-Clamp
and Adapter

Assorted Apple Boxes

Type G142
15 lb. Sand Bag


LINE DRILL #E (.250 DIA)
THRU FRONT & REAR SPINNING
INSTALL ITEM 12 (8 PL.)
ITEM 22 COMES FURNISHED
WITH TWO 5/16-18 x 1.25 ALLEN HD SCREWS
5K TUNGSTEN MOLEBEAM PROJECTO
(NAMEPLATE,
SWITCHES
PART OF ITEM 3)
Mole-Richardson Co.
TYPE 3781
48-CHANNEL REMOTE SWITCHBOARD
Mole-Richardson Co.